

APPLICANTS: Wand et al.

FILED: Herewith

REMARKS

Claims 1-9, 28, and 39-54 are pending, claims 10-27 and 29-38 having been canceled as being drawn to a non-elected invention. Claim 1 has been amended. New claims 39-54 have been added. The amendment to claim 1, new claims 39-40, and new claims 49-50 are supported by disclosure on page 2, lines 18-25, of the specification. New claims 41-42 are supported by disclosure on page 1, lines 31-32, of the specification. New claims 43-44 are supported by disclosure on page 15, lines 19-20, and on page 24, line 32, to page 25, line 26, of the specification. New claims 45-48 are supported by disclosure on page 22, lines 3-6, of the specification. New claims 51-54 are supported by disclosure on page 17, line 29, and on page 42, lines 30-33, of the specification.

No new matter has been added by this amendment.

CONCLUSION

Applicants believe that the claims are in condition for allowance. The Commissioner is authorized to credit any overpayment or charge any deficiencies to Deposit Account No. 50-0311, Reference No. 21486-032.

Respectfully submitted,

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PART 1 - ATTORNEY/APPLICANT COPY

Appendix:

In the specification:

On page 1, line 2, after the title, insert:

--This application is a divisional of patent application U.S. Serial Number 09/436,184, filed on November 8, 1999, the entire contents of which is hereby incorporated by reference.--

In The Claims:

Amend claim1 and add new claims 39-54.

1. (Amended) A method for diagnosing a malignant neoplasm in a mammal, comprising contacting a bodily fluid from said mammal with an antibody or fragment thereof which binds to an human aspartyl (asparaginy) beta-hydroxylase (HAAH) polypeptide under conditions sufficient to form an antigen-antibody complex and detecting the antigen-antibody complex.--

--39. The method of claim 1, wherein said antibody is a single chain Fv molecule.--

--40. The method of claim 1, wherein said antibody is a FB50 single chain Fv molecule.--

--41. A method of diagnosing a malignant neoplasm in a mammal, comprising contacting a bodily tissue from said mammal with an antibody which binds to a HAAH polypeptide under conditions sufficient to form an antigen-antibody complex and detecting the antigen-antibody complex.--

--42. The method of claim 41, wherein said tissue is a biopsy of a solid tumor.--

--43. The method of claim 1, wherein the antigen-antibody complex is detected by

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immunohistochemical staining.--

--44. The method of claim 41, wherein the antigen-antibody complex is detected by immunohistochemical staining.--

--45. The method of claim 1, wherein said neoplasm is a hepatocellular carcinoma.--

--46. The method of claim 1, wherein said neoplasm is a cholangiocarcinoma.--

--47. The method of claim 41, wherein said neoplasm is a hepatocellular carcinoma.--

--48. The method of claim 41, wherein said neoplasm is a cholangiocarcinoma.--

--49. The method of claim 41, wherein said antibody is a single chain Fv molecule.--

--50. The method of claim 41, wherein said antibody is a FB50 single chain Fv molecule.--

--51. The method of claim 1, wherein said neoplasm is a glioblastoma.--

--52. The method of claim 1, wherein said neoplasm is a neuroblastoma.--

--53. The method of claim 41, wherein said neoplasm is a glioblastoma.--

--54. The method of claim 41, wherein said neoplasm is a neuroblastoma--

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